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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/427,238	10/26/1999	SHARAD KAPUR	KAPURS-10	2915

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EXAMINER

GARCIA OTERO, EDUARDO

ART UNIT PAPER NUMBER

2123
DATE MAILED: 04/14/2003

16

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/427,238

Applicant(s)

KAPUR ET AL.

Examiner

Eduardo Garcia-Otero

Art Unit

2123

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 01 April 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

a) The period for reply expires 3 months from the mailing date of the final rejection.

b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. Applicant's reply has overcome the following rejection(s): _____.
4. Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-21.

Claim(s) withdrawn from consideration: _____.

8. The proposed drawing correction filed on 01 April 2003 is a) approved or b) disapproved by the Examiner.
9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). 5.
10. Other: Attached

Advisory Action

Introduction

1. Title is: SYSTEM AND METHOD FOR DETERMINING CAPACITANCE FOR LARGE-SCALE INTEGRATED CIRCUITS
2. Applicant is: KAPUR et al.
3. Filed 10/26/99, no domestic or foreign priority claimed.
4. Claims 1-21 have been submitted, examined, and rejected.
5. This is an Advisory Action, in response to Applicants Amendment under 37 C.F.R. 1.116.
6. Applicant's amendments are accepted, no new matter is introduced.

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7. **Belk** refers to Belk, US Patent 6,397,171 filed Apr. 1, 1999.
8. **Nabors** refers to PRECONDITIONED, ADAPTIVE, MULTIPOLE-ACCELERATED ITERATION METHODS FOR THREE-DIMENSIONAL FIRST-KIND INTEGRAL EQUATIONS OF POTENTIAL THEORY", K. Nabors et al, Siam Journal on Scientific Computing, Vol. 15, No. 3, pp. 713-735, May 1994.
9. **Edgecombe** refers to Edgecombe et al., US Patent 6,345,235 filed
10. **Dufour** refers to Dufour, US Patent 6,351,572.

Request for Information-SATISFIED

11. Applicant has provided INTRODUCTION TO NUMERICAL ANALYSIS," by J. Soer and R. Bulirsh, Springer Verlag 1979. This satisfies the request for information. The Examiner has amended the IDS received 3/27/00 to show that this document has been received. A copy of the amended IDS is attached to this action.

Amendments to Drawing and specification-OBJECTION WITHDRAWN

12. The prior objections to the drawing changes filed 12/2/02 are withdrawn, in view of Applicant's assertions and further amendments.

Specification-objections--WITHDRAWN

13. Applicant has amended (for the second time) the discussion of FIG 1, and also has amended FIG 1.

14. Applicant's Amendment, page 2, replaces the paragraph at Specification page 10 line 4. The new paragraph states "the net C1 and the net C1 are captured with relatively detailed geometric descriptions... the net C3 may be captured with relatively coarse geometric descriptions."

15. Applicant's new paragraph, combined with the amendment to FIG 1, and combined with Applicant's assertions, clarify that FIG 1 represents the "current state" of the nets. FIG 1 does not intend to illustrate the level of captured detail geometric description.

Specification-objections--WITHDRAWN

16. The prior objections are withdrawn due to Applicants amendments.

Claim Rejections-35 USC § 112-first paragraph (Enablement)--MAINTAINED

17. Amendment Page 7. Applicant asserts the present invention enables charge variation function independent of "exact geometry of nets" by using "simpler geometric descriptions of nets instead of the exact geometry". However, note that all the independent claims simply state "independent of a conductive geometry", and do not state "independent of the exact conductive geometry". Thus, the enablement rejections are maintained.

Claim Rejections - 35 USC § 102(e) and 35 USC § 103--MAINTAINED

18. Amendment Page 7-11. Applicant's assertions are nonpersuasive. The prior art rejections are maintained.

Communication

19. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eduardo Garcia-Otero whose telephone number is 703-305-0857. The examiner can normally be reached on Monday through Thursday from 9:00 AM to 7:00 PM.

20. If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Kevin Teska, can be reached at (703) 305-9704. The fax phone numbers for this group are:

21. (703) 746-7238 --- for communications after a Final Rejection has been made;

22. (703) 746-7239 --- for other official communications; and

23. (703) 746-7240 --- for non-official or draft communications.

24. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the group receptionist, whose telephone number is (703) 305-3900.

* * * *



KEVIN J. TESKA
SUPERVISORY
PATENT EXAMINER